

# **APPENDIX II**

## **HAZARDOUS MATERIALS**

Sites may contain a mixture of waste types including green or agricultural waste, household or municipal waste, industrial or commercial waste, and hazardous waste. Hazardous wastes require special handling. They must be removed from the site and disposed of separately. The complete listing of federally regulated hazardous wastes can be found in 40 CFR Part 261. Examples of potentially hazardous wastes include but are not limited to: paints, oils, pesticides, cleaning compounds, solvents, acid and alkali solutions, pool chemicals, asbestos, antifreeze, explosives, radioactive substances, drugs, and used oil filters. See Table II-1 for a list of some common household hazardous wastes. Typically states have expanded lists of materials that they consider to be hazardous and that require additional handling and disposal requirements. It is recommended that the appropriate state or local environmental regulatory agency be contacted for this information. Some potentially hazardous materials may not be readily obvious, such as asbestos or lead. These substances can be present in construction debris such as old sheetrock and painted materials. Asbestos may also be found in pipes combined with concrete known as “transite pipe,” roofing shingles, and some types of insulation materials. Asbestos is harmful if it is in a friable state, i.e., particles are small enough to become airborne. 40 CFR Part 61.50 sets forth reporting requirements and mandatory standards for disposal of asbestos-containing wastes. If such wastes are found at any waste site, a contractor licensed to properly dispose of asbestos must be used for such disposal. If a site has a history of burning wastes, the resulting ash will need to be tested as it may be hazardous. For questions concerning either a potentially hazardous material or handling and disposition of potentially hazardous materials call the USEPA or the appropriate state environmental program.

# **Common Household Hazardous Wastes**

**Table II-1**

**(These items and others not included on this list, might contain materials that are ignitable, corrosive, reactive, or toxic.)**

- ž **Drain openers**
- ž **Oven cleaners**
- ž **Wood and metal cleaners and polishers**
- ž **Automotive oil and fuel additives**
- ž **Grease and rust solvents**
- ž **Carburetor and fuel injection cleaners**
- ž **Air conditioning refrigerant**
- ž **Starter fluids**
- ž **Paint thinners**
- ž **Paint strippers and removers**
- ž **Adhesives**
- ž **Herbicides**
- ž **Insecticides**
- ž **Fungicides/wood preservatives**

**Source: A survey of Household Hazardous Wastes and Related Collection Programs, Office of Solid Waste and Emergency Response, U.S. Environmental Protection Agency. EPA/530-86-038.**